

## MODULES/UNITS

Pupils studied the Science A (Core) in Years 9 and 10 and now they study Additional Science in Year 11. They will study a variety of different topics including;

### **Biology**

Keeping Healthy, Nerves and Hormones, Genetic Variation, Evolution, Cells, Photosynthesis, Aerobic and Anaerobic respiration, Cell division and inheritance, Adaptation, Movement of Molecules and Homeostasis.

### **Chemistry**

Fundamentals of Chemistry, Limestone, Metals and their Uses, Crude Oil, The Earth's Atmosphere, Structure and Bonding, Exothermic and Endothermic reactions, Rates of Reaction, Electrolysis, Acids, Bases and Salts.

### **Physics**

Energy and Efficiency, Electrical Appliances, Waves, Forces, Kinetic Energy, Electrical Circuits, Nuclear Fusion and Nuclear Fission and the Medical Applications of Physics.

## COURSEWORK DEADLINES/EXAMS

## WHEN

GCSE/AS/A LEVEL	DATE OF EXAMS
GCSE CORE SCIENCE EXAMS	JUNE
GCSE ADDITIONAL SCIENCE EXAMS	JUNE

## TOPICS

## DURING

END OF UNIT TESTS IN CLASS	ALL YEAR
BIOLOGY 1, CHEMISTRY 1, PHYSICS 1	ALL YEAR
2 X CONTROLLED PRACTICAL ASSESSMENTS	AUTUMN HALF TERM
3 X MODULAR MOCK EXAMS	DEC AND APRIL
BIOLOGY 2, CHEMISTRY 2, PHYSICS 2	ALL YEAR
3 X MODULAR MOCK EXAMS	DECEMBER
2 X CONTROLLED PRACTICAL ASSESSMENT	SPRING HALF TERM
3 X MODULAR EXAMS	JUNE

## OTHER INFORMATION

We follow the AQA Science A course for Core Science and AQA for Additional Science.

The web-site for Science A is <http://www.aqa.org.uk/subjects/science/gcse/science-a-4405>

The website for Additional Science is <http://www.aqa.org.uk/subjects/science/gcse/additional-science-4408>

Pupils can access a variety of resources (worksheets, power points and experiments) via the VLE on the school web-site.

Pupils have access to the AQA textbooks for the courses and have the opportunity to purchase CGP revision guides and workbooks that match the course.

For any queries or further information contact Dr Crawshaw, Head of Science on [jcrawshaw@samuelward.co.uk](mailto:jcrawshaw@samuelward.co.uk)